

MARBRAx CID

Lubricating oil for low and medium speed crosshead marine engines, operating in low and medium speed burning distilled or residual fuels, with separate cylinder lubrication systems. Available in SAE grade 50 in various TBN levels.

Marbrax CID avoids wear and minimizes engine deposit build-up and corrosion of the lubricated parts. Its technology assures high oxidation resistance and suitable TBN for high sulfur fuels.

Marbrax CID should be used only in cylinder lubrication systems.

Marbrax CID technology cleans the cylinder liner, and particularly the piston ring pack to prevent malfunction and damage caused by combustion and neutralization residues.

Marbrax CID 55 is recommended for engines operating under medium loads, even when running on residual fuels with sulfur contents between 1.0% and 3.0% wt. It is approved by MAN B&W for use in two stroke engines.

Marbrax CID 57 is recommended for engines running on high sulfur fuels (greater than 2.5% wt.) and when there is no guarantee of a constant sulfur level in the fuel, as when the ship is refueled in several different ports.

Marbrax CID 57 is approved by Sulzer and MAN B&W for use in their two stroke engines.

Marbrax CID 5100 is specially recommended for engines when running on residual fuels with high sulfur content over 2.0% wt., in conditions of slow steaming with low speed and low load operations avoiding corrosive wear.

Additives - overbased detergent and dispersant.

TYPICAL ANALYSIS*

| GRADE | 55** | 57** | 5100** |
|------------------------------------------|-------|-------|--------|
| SAE Viscosity Grade | 50 | 50 | 50 |
| Specific Gravity, @ 20/4°C | 0.920 | 0.932 | 0.944 |
| Flash Point (PM) (°C) | >200 | >200 | 230 |
| Pour Point (°C) | -6 | -6 | -9 |
| Kinematic Viscosity, @ 100°C (cSt) | 19.5 | 19.5 | 19.5 |
| Viscosity Index (minimum values) | 95 | 95 | 95 |
| Total Base Number (mgKOH/g) | 50 | 70 | 100 |
| Copper Strip Corrosion, @ 100°C and 3 Hs | 1b | 1b | 1b |

*The above results are typical of those obtained with normal production tolerances, and do not constitute a specification.

**It's not ISO grade.

For further details please contact our technical support service.

July/2017

